

Appl. No. 10/694,749
Amdt. dated Aug. 22, 2005
Reply to Office action of June 14, 2005

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) An adjustable therapeutic knee immobilization brace for controlling the degree of motion to a person's knee comprising;

a flexible sheet of cushion material adapted to wrap around a wearer's leg extending above, below and encompassing the wearer's knee,

rigid upper and lower leg engagement plates adapted to be fitted against the medial posterior face of the leg above and below the knee,

an adjustable locking hinge assembly extending between and interconnecting said upper and lower leg engagement plates on the posterior face of said leg in oppositely disposed relation to said knee,

knee stabilization means overlying said knee adjustably secured thereto by retaining straps extending from respective upper and lower engagement plates, and means for adjustably securing said knee immobilization brace to the wearer's leg.

2. (currently amended) The adjustable knee brace set forth in claim 1 wherein said rigid upper and lower leg engagement plates are selectively secured to a non-leg engagement surface of said sheet of cushion material.

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3. (original) The adjustable knee brace set forth in claim 1 wherein said adjustable locking hinge assembly comprises,

an upper and lower leg element extending from said respective leg engagement plates, a free end of said upper leg element adjustably engaged with a free end of said lower leg element,

wherein said engagement ends have C-shaped overlapping end portions with an adjustable apertured locking assembly thereon.

4. (currently amended) The adjustable knee brace set forth in claim 3 wherein said ~~apertured~~ apertures locking assembly comprises,

an apertured hinge block and an apertured compression cap in aligned relationship to one another,

fasteners extending through said ~~apertured~~ apertures thereof and through an elongated opening in each of said C-shaped overlapping end portions.

5. (original) The adjustable knee brace set forth in claim 1 wherein said means for adjustably securing said knee immobilization brace to the wearer's leg comprises,

a plurality of non-elastic straps adjustably extending from multiple strap mounting slots in said respective upper and lower leg engagement portions and strap to strap interengagement means thereon.

6. (currently amended) The adjustable knee brace set forth in claim 1 wherein said upper and lower leg engagement plates are transversely contoured to registerably adapted to engage the wearer's leg, and a mounting channel defined in each of said upper and lower leg engagement plates.

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7. (currently amended) The adjustable knee brace set forth in claim 1 wherein said knee stabilization means comprises a knee support pad ~~overlying~~ adapted to overlie the wearer's knee, an apertured reinforcement band secured on said knee support pad in spaced relation to the perimeter edge thereof, said reinforcement band defining a knee alignment area therewithin and,

positioning retaining straps extending from said knee support pad to said respective upper and lower leg engagement plates.

8. (canceled).

9. (currently amended) The knee brace set forth in ~~claims claim 5 and 7~~ wherein said strap to strap interengagement means comprises hook and loop material positioned respectively thereon.

10. (original) The knee brace set forth in claim 5 wherein said strap mounting slots further comprise,

oppositely disposed pairs of parallel spaced slots in longitudinally spaced relation on said respective upper and lower leg engagement plates.

11. (canceled).

12. (currently amended) The knee brace set forth in ~~claims claim 1 and 6~~ wherein said adjustable hinge assembly further comprises,

selectively aligned apertures in said upper and lower leg elements and said respective mounting channels with said registerable fasteners there through for longitudinal repositioning of said respective leg elements in said mounting channels in relation to said respective upper and lower leg plates and to one another.